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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
SNOW SURVEY UNIT
P.O. BOX 17107
DENVER, COLORADO 80217
OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300



FIRST CLASS MAIL

WATER SUPPLY OUTLOOK FOR COLORADO AND NEW MEXICO

and
FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

AS OF
March 1, 1981



U.S. DEPARTMENT of AGRICULTURE * SOIL CONSERVATION SERVICE

Collaborating with
COLORADO STATE SOIL CONSERVATION BOARD
STATE ENGINEER of COLORADO
and STATE ENGINEER of NEW MEXICO

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SOIL CONSERVATION SERVICE
SNOW SURVEY UNIT
P.O. BOX 17107
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Irrigation Scheduling

Overwatering crops has almost the same bad effect as underwatering. Plant roots require air in the root zone to survive. Water logged soils prevent the roots from growing and may even kill the roots already present. This can decrease crop yields.

It is a common practice in some areas to turn the irrigation water on the field in the spring and let it run until the stream dries up. The thinking behind this practice is to let the soil soak up the water so there will be a water supply in the soil available to the crop after the surface water supply runs out.

Different plants have different rooting depths. Agronomists commonly accept alfalfa as having a 5 to 6 foot rooting depth while corn, sorghum and sugar beets have a 4 foot rooting depth. Beans, grass, and small grains are thought to have about a 3 foot rooting depth.

High water tables, bedrock and gravel layers may restrict this rooting depth to a shallower depth. Deep well drained loam soils promote a deeper rooting depth.

The soil acts as a sponge to soak up the moisture added by rains or irrigations. The water soaks down through the soil filling the soil pores to field capacity. Field capacity is the quantity of water held in the small pores of the soil against gravitational pull. The top inch of soil is filled to field capacity before the second inch is filled and so on.

Soils vary in their water holding capacity. Typically, this varies between about 0.7 of an inch of water per foot of very sandy soils to about 2.3 inches of water per foot. A soil with a water holding capacity of one inch per foot can hold three inches of water available for plant use in a three foot rooting depth.

It takes one to three days or more for excess water to drain out of the larger soil pores. During this time after an irrigation, the roots cannot expand because of lack of air in the root zone. If water is applied continuously, the roots will never expand into this water logged area.

When the streams dry up and water is no longer applied continuously, the plants find themselves with roots in the upper foot or so of the soil profile as a result. The roots may be able to get water out of only one-third to one-fourth of their potential root zone. This means the plants will dry up and die or produce much less than their potential.

It is important to schedule irrigations to keep from overwatering soils. The basic principle involved is to let plant roots soak up the water held in the soil until one-third to one-half of the water available to the plants is used. Then irrigation water is applied to bring the soil water holding capacity back up to the maximum that the soil can hold. Typically, this involves putting on three or four net inches of water per irrigation. Depending on the crop involved, the time of year and the climatic conditions (temperature, humidity, daylight hours) this may last from six to twenty days before another irrigation is necessary.

Your local Soil Conservation Service office has plant water needs, and soils water holding capacity available. The technician in the office can assist irrigators to plan proper scheduling.

WATER SUPPLY CONDITIONS as of MARCH 1, 1981

FEBRUARY BROUGHT NO RELIEF TO THE ABNORMALLY DRY WINTER IN EITHER COLORADO OR NEW MEXICO. PRECIPITATION WAS WELL BELOW AVERAGE IN NEARLY ALL LOCATIONS DESPITE A MAJOR STORM DURING THE FIRST WEEK OF THE MONTH. A MODERATE TO SEVERE WATER SHORTAGE IS ANTICIPATED FOR ALL STREAMS. MOST ADVERSELY IMPACTED WILL BE WATER USERS WHO DEPEND UPON DIRECT DIVERSIONS FROM STREAMS AND WHO HAVE NO SUPPLEMENTAL STORED WATER. WATER USERS WITH STORED WATER RIGHTS WILL BE MINIMALLY IMPACTED DUE TO THE ABOVE NORMAL STORAGE IN RESERVOIRS IN BOTH COLORADO AND NEW MEXICO. ALL FORECASTS ARE A JOINT EFFORT OF THE SOIL CONSERVATION SERVICE AND THE NATIONAL WEATHER SERVICE.

COLORADO -- PRECIPITATION DURING FEBRUARY WAS ABOUT 2/3 OF NORMAL. THE MOUNTAIN SNOWPACK IMPROVED ONLY SLIGHTLY FROM A MONTH PREVIOUS AND IS NOW ONLY 41 PERCENT OF NORMAL OVER THE ENTIRE STATE. STREAMFLOW FORECASTS HAVE DROPPED 10 TO 20 PERCENT FROM FEBRUARY 1 AND GENERALLY RANGE FROM 35 TO 55 PERCENT OF AVERAGE. NORMALLY, 80 PERCENT OF THE SEASON'S PEAK SNOW ACCUMULATION IS ON THE GROUND BY FEBRUARY 1 MEANING THERE IS VERY LITTLE LIKELIHOOD OF CATCHING UP. RESERVOIR STORAGE STATEWIDE IS 11 PERCENT ABOVE AVERAGE.

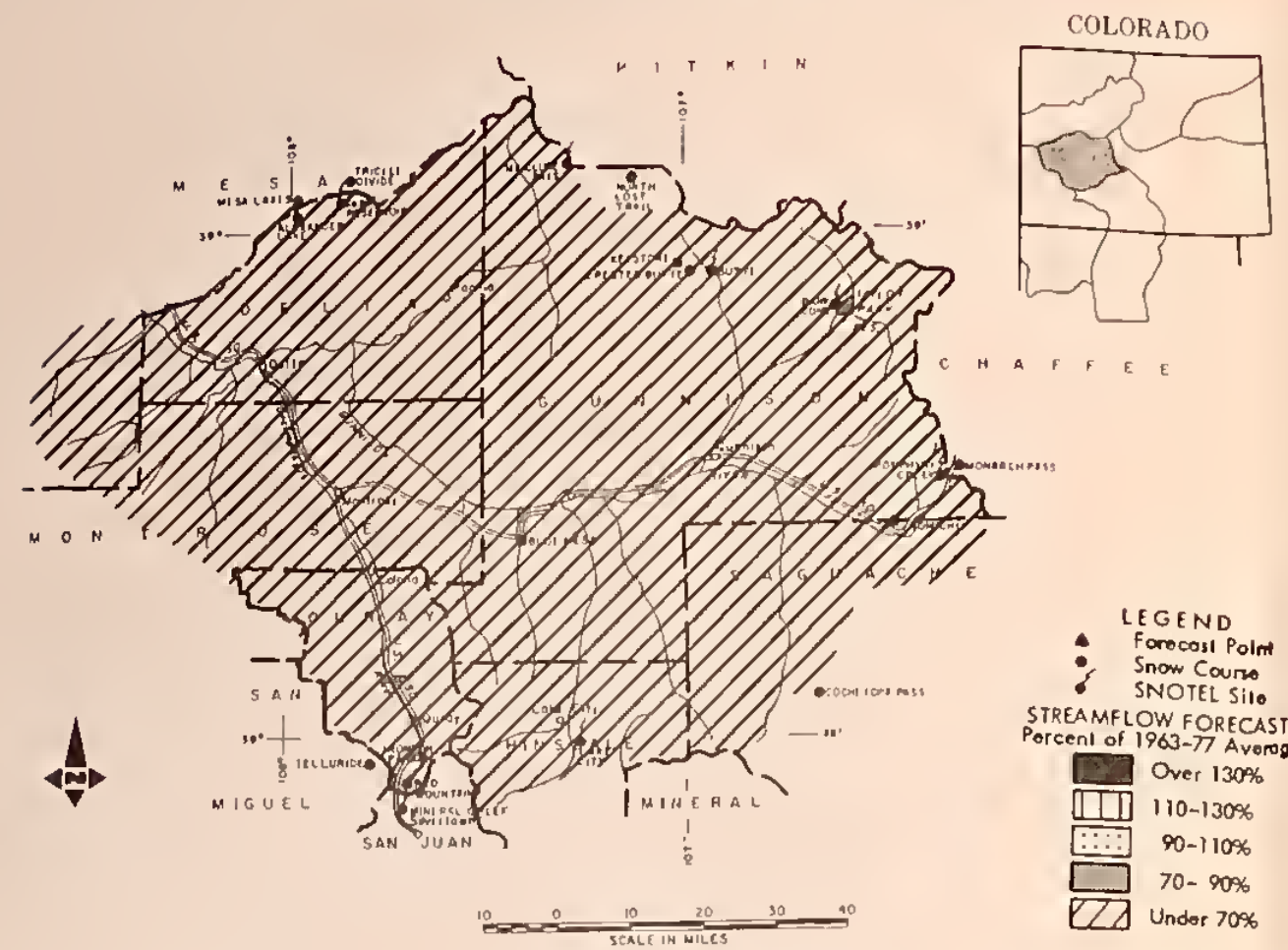
NEW MEXICO -- ALL STREAMFLOW FORECASTS HAVE BEEN REDUCED SUBSTANTIALLY FROM A MONTH AGO. CURRENT PREDICTIONS ASSUMING NORMAL PRECIPITATION FOR THE REMAINDER OF THE SEASON ARE FOR FLOWS ONE-THIRD TO ONE-HALF OF NORMAL. NEARLY ALL OF THE SNOW COURSES IN THE STATE MEASURED NEW MINIMUMS OF RECORD. PRECIPITATION DURING FEBRUARY WAS ONLY ONE-THIRD OF AVERAGE BRINGING THE SEASONAL TOTAL TO JUST OVER 50 PERCENT OF NORMAL. RESERVOIR STORAGE IS DOUBLE THE NORM AND WILL PROVIDE MUCH NEEDED WATER TO USERS WITH STORED WATER RIGHTS.



The map on this page indicates the most probable water supply as of the date of this report. Estimates assume average conditions of snow fall, precipitation and other factors from this date to the end of the forecast period. As the season progresses accuracy of estimates improve. In addition to expected streamflow, reservoir storage, soil moisture in irrigated areas, and other factors are considered in estimating water supply. Estimates apply to irrigated areas along the main streams and may not indicate conditions on small tributaries.

"The Conservation of Water begins with the Snow Survey"

GUNNISON RIVER WATERSHED IN COLORADO



YOUR WATER SUPPLY
ALL STREAMS, WITH THE EXCEPTION OF SURFACE CREEK, ARE FORECAST TO PRODUCE RUNOFF LESS THAN HALF OF NORMAL. WATER USERS WITH JUNIOR WATER RIGHTS AND DIRECT DIVERSIONS CAN EXPECT MODERATE TO SEVERE SHORTAGES. STORED WATER IN RESERVOIRS IS 15 PERCENT ABOVE NORMAL BUT SLIGHTLY BELOW A YEAR AGO. THE MOUNTAIN SNOWPACK IS ONLY 45 PERCENT OF NORMAL OVER THE BASIN. PRECIPITATION DURING FEBRUARY WAS 65 PERCENT OF NORMAL BRINGING THE SEASONAL TOTAL TO 63 PERCENT OF AVERAGE. SOIL MOISTURE IS RATED AS FAIR TO POOR IN IRRIGATED AREAS.

STREAMFLOW FORECASTS (1000 Ac. Ft.) April - September			
FORECAST POINT	Forecast	% of Average	1963-77 Average
Gunnison River inflow to Blue Mesa Reservoir (1)	375	50	754.0
Gunnison River near Grand Junction (2)	400	35	1150.0
North Fork of Gunnison (3)	120	46	262.0
Surface Creek at Cedaredge	9	59	15.2
Uncompahgre River at Canon	55	43	129.0

WATER SUPPLY OUTLOOK			
STREAM or AREA	Flow Period		Flow Period
	Spring	Summer	
Ohio Creek	Fair	Poor	
Slate River	Fair	Poor	
Taylor River	Fair	Poor	
Tomichi Creek	Fair	Poor	

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH			
Basin of Stream and Reservoir	Usable Capacity		1963-77 Average
	Thous. Ac. Ft.	Thous. Ac. Ft.	
Blue Mesa	830	446	356
Morrow Point	121	115	101
Taylor	106	51	63

LIST OF COOPERATORS

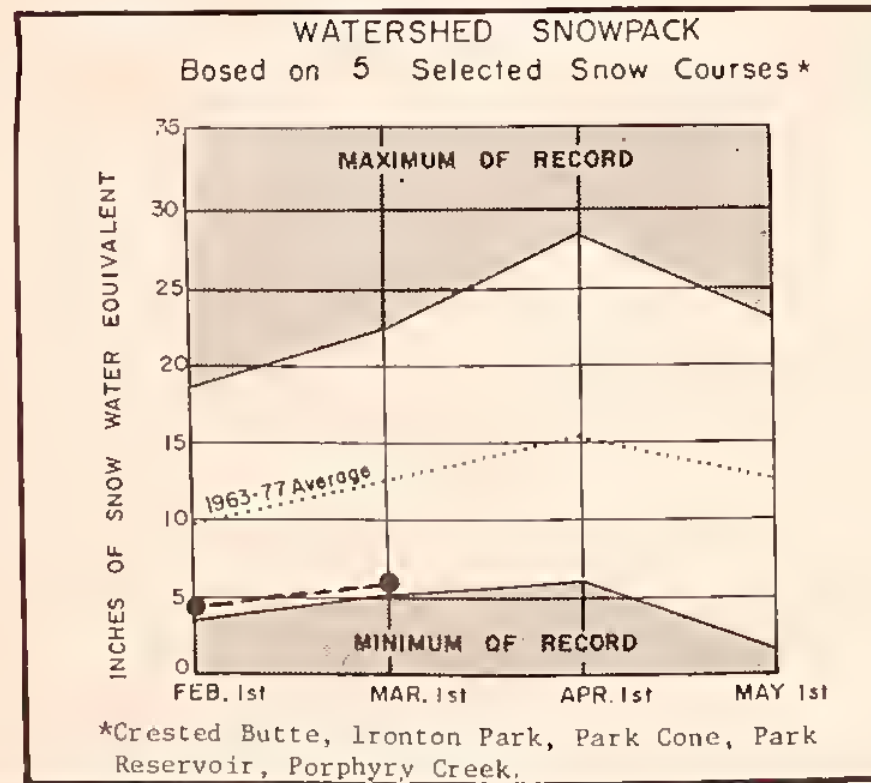
The following organizations cooperate in snow surveys for the Colorado, Platte, Arkansas and Rio Grande watersheds. Many other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.

- STATE**
- Colorado State Engineer
 - Colorado State Soil Conservation Board
 - New Mexico State Engineer
 - Colorado State University Experiment Station
 - Rocky Mountain Forest and Range Experiment Station
 - New Mexico Dept. of Game and Fish
 - University of Colorado, INSTAAR
- FEDERAL**
- Department of Agriculture
 - Forest Service
 - Soil Conservation Service
 - Department of Interior
 - Bureau of Reclamation
 - Geological Survey
 - National Park Service
 - Department of Commerce
 - NOAA, National Weather Service
 - Defense Department
 - Army Engineer Corps
 - National Aeronautics and Space Administration
 - Goddard Space Flight Center
- INVESTOR OWNED UTILITIES**
- Colorado Public Service Company
 - Public Service Company of New Mexico
- MUNICIPALITIES**
- City of Denver
 - City of Boulder
 - City of Greeley
 - City of Fort Collins

SUMMARY of SNOW MEASUREMENTS			
RIVER BASIN and SUBWATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	1963-77 Average
Gunnison	13	31	45
Surface Creek	3	39	61
Uncompahgre	3	41	47

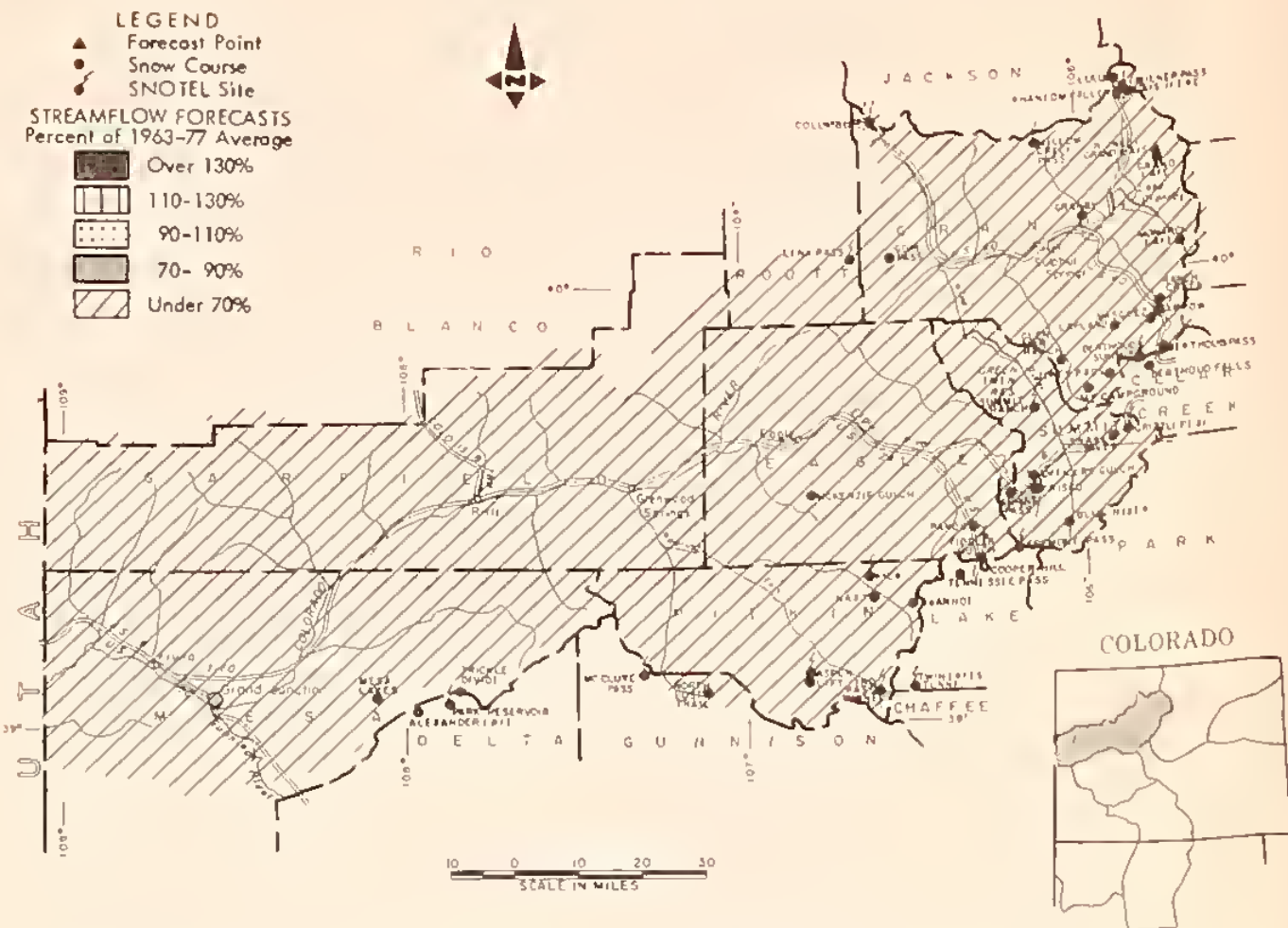
SNOW COURSE MEASUREMENTS					
SNOW COURSE	CURRENT INFORMATION			PAST RECORD	
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	
				LAST YEAR	AVG. 1937-77
GUNNISON BASIN					
<u>Gunnison River</u>					
Alexander Lake	2/27	38	10.4	26.4	16.9
Blue Mesa	2/27	17	3.4	8.6	7.1
Butte	2/26	19	4.0	20.7	12.4
Cochetopa Pass (B)	2/24	10	2.2	5.3	4.7
Crested Butte	2/26	13	3.1	20.5	11.1
Keystone	2/26	21	5.2	27.3	16.3
Lake City	2/25	11	2.2	7.7	6.1
Mesa Lakes (B)	2/26	32	7.8	18.8	12.9
McClure Pass	2/27	24	6.8	17.7	13.9
Park Cone	2/27	19	4.2	13.0	8.6
Park Reservoir	2/27	47	11.4	30.8	18.5
Porphyry Creek	2/27	26	5.2	15.9	13.2
Slungullion	2/25	24	5.3	12.9	---
Tomichi	2/27	15	3.0	12.4	10.6
<u>Surface Creek</u>					
Alexander Lake	2/27	38	10.4	26.4	16.9
Mesa Lakes	2/26	32	7.8	18.8	12.9
Park Reservoir	2/27	47	11.4	30.8	18.5
<u>Uncompahgre River</u>					
Idarado	2/26	28	5.6	14.4	---
Ironton Park	2/26	22	4.8	12.1	12.1
Red Mountain Pass	2/26	52	12.1	28.7	24.0
Telluride (B)	2/23	15	3.4	8.9	7.3

NS-No survey.
(B)-On adjacent drainage.



*Crested Butte, Ironton Park, Park Cone, Park Reservoir, Porphyry Creek.

COLORADO RIVER WATERSHED IN COLORADO



YOUR WATER SUPPLY
WATER USERS CAN EXPECT MUCH BELOW NORMAL SPRING AND SUMMER RUNOFF IN THE RANGE 40 TO 60 PERCENT OF AVERAGE OVER THE ENTIRE BASIN. FEBRUARY BROUGHT LITTLE RELIEF TO THE SNOW STARVED MOUNTAINS. PRECIPITATION FOR THE MONTH WAS ONLY 57 PERCENT OF AVERAGE. SEASONAL PRECIPITATION ACCUMULATED SINCE OCTOBER 1 IS ONLY 55 PERCENT OF AVERAGE. THE MOUNTAIN SNOWPACK IS 47 PERCENT OF AVERAGE WHEN THE BASIN IS CONSIDERED IN ITS ENTIRETY. CONTENTS OF MAJOR RESERVOIRS IS 17 PERCENT ABOVE NORMAL AND 6 PERCENT GREATER THAN A YEAR AGO WHICH WILL HELP THOSE WHO HAVE STORED WATER RIGHTS.

STREAMFLOW FORECASTS (1000 Ac. Ft.) April - September			
FORECAST POINT	Forecast	% of Average	1963-77 Average
East Fork Troublesome Creek near Troublesome	7	41	17.0
Blue River inflow to Dillon Reservoir	90	54	167.0
Blue River inflow to Green Mountain Reservoir (1)	160	56	287.0
Colorado River near Cameo (2)	114.0	49	2336.0
Colorado River near Dotsero (3)	174.0	52	1422.0
Colorado River inflow to Granby Reservoir (4)	135	62	218.0
Eagle River below Gypsum	135	45	298.0
Roaring Fork at Glenwood Springs (5)	350	50	697.0
Williams Fork near Parshall (6)	24	41	59.0
Willow Creek inflow to Willow Creek Reservoir	23	48	48.0

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH			
Basin of Stream and Reservoir	Usable Capacity		1963-77 Average
	Thous. Ac. Ft.	Thous. Ac. Ft.	
Dillon	254	187	200
Granby	466	312	242
Green Mountain	139	73	67
Homestake	43	19	20
Ruedi	101	77	64
Vega	32	10	11
Williams Fork	97	71	37
Willow Creek	9	6	7

WATER SUPPLY OUTLOOK			
STREAM or AREA	Flow Period		Flow Period
	Spring	Summer	
Brush	Fair	Poor	
Gypsum Creek	Fair	Poor	

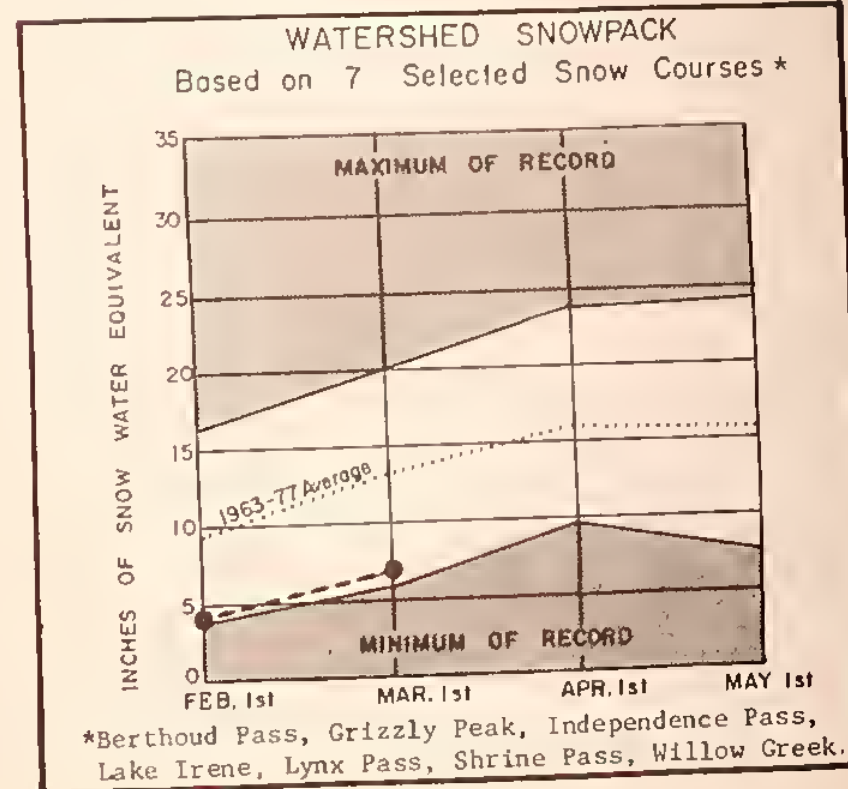
SUMMARY of SNOW MEASUREMENTS			
RIVER BASIN and SUBWATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	1963-77 Average
Blue River	8	27	39
Colorado	20	39	60
Plateau	3	27	41
Roaring Fork	8	29	42
Williams Fork	3	29	36
Willow	2	29	36

SNOW COURSE MEASUREMENTS					
SNOW COURSE	DATE OF SURVEY	CURRENT INFORMATION		PAST RECORD	
		SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES) LAST YEAR	AVG. 1951-57
COLORADO BASIN					
<u>Blue River</u>					
Blue River	2/27	7	1.7	12.0	7.1
Fremont Pass	2/25	26	5.6	15.8	12.3
Grizzly Peak	2/27	27	6.7	17.2	14.1
Hoosier Pass	2/27	12	3.8	16.3	9.1
Officers Gulch	2/26	7	1.4	9.4	5.1
Shrine Pass	2/26	30	7.2	16.5	13.9
Snake River	2/27	8	1.6	9.9	6.8
Summit Ranch	2/25	10	1.9	11.3	6.3
<u>Colorado River</u>					
Arrow	2/26	22	5.2	15.4	10.7
Berthoud Pass	2/27	27	6.7	20.1	12.4
Berthoud Summit	2/26	28	7.3	19.9	14.6
Cooper Hill	2/27	21	4.2	10.2	8.5
Copper Mountain	2/26	22	4.4	13.8	7.2
Glenmar Ranch	2/25	15	3.0	9.6	7.2
Gore Pass	2/25	13	2.6	10.6	8.5
Grand Lake	2/26	17	3.6	12.3	7.1
Lake Irene	2/26	27	6.8	23.0	17.4
Lapland	2/25	12	3.1	12.2	8.6
Lulu	3/01	32	7.6	21.9	15.0
Lynx Pass	2/25	19	4.4	10.8	10.3
McKenzie Gulch	2/26	12	2.4	6.0	5.3
Middle Fork	2/25	16	3.0	11.9	8.1
Mtliner	2/26	17	3.0	16.6	11.3
North Inlet	2/23	11	2.0	12.2	7.4
Pando	2/26	11	2.7	9.2	8.0
Phantom Valley	2/26	13	3.8	14.9	9.1
Ranch Creek	2/26	14	3.0	11.6	7.8
Tennessee Pass (B)	2/25	9	2.0	11.1	8.2
Vail Mountain	2/25	33	7.6	23.0	17.4
Vasquez	2/25	26	5.7	15.2	10.0
<u>Plateau Creek</u>					
Nesa Lakes	2/26	32	7.8	18.8	12.9
Park Reservoir	2/27	47	11.4	30.8	18.5
Trickle Divide	2/27	46	11.8	29.9	19.9
<u>Roaring Fork</u>					
Aspen	2/23	22	4.9	14.0	13.7
Independence Pass	2/28	28	6.4	17.0	12.8
Ivanhoe	2/26	31	6.8	18.2	14.3
Kila	2/26	19	3.9	11.2	10.5
Lift	2/23	29	6.6	17.8	13.0
McClure Pass	2/27	24	6.8	17.7	13.9
Nast	2/23	6	1.3	8.5	5.8
North Lost Trail	2/27	18	4.3	18.2	13.0
<u>Williams Fork River</u>					
Glenmar Ranch	2/25	15	3.0	9.6	7.2
Jonas Pass	2/25	24	5.4	17.6	12.1
Middle Fork	2/25	16	3.0	11.9	8.1
Ute Pass				14.5	-
<u>Willow Creek</u>					
Granby	2/26	9	1.8	8.2	6.6
Willow Creek Pass	2/26	21	4.3	12.8	10.2

NS-No survey.
(B)-On adjacent drainage.

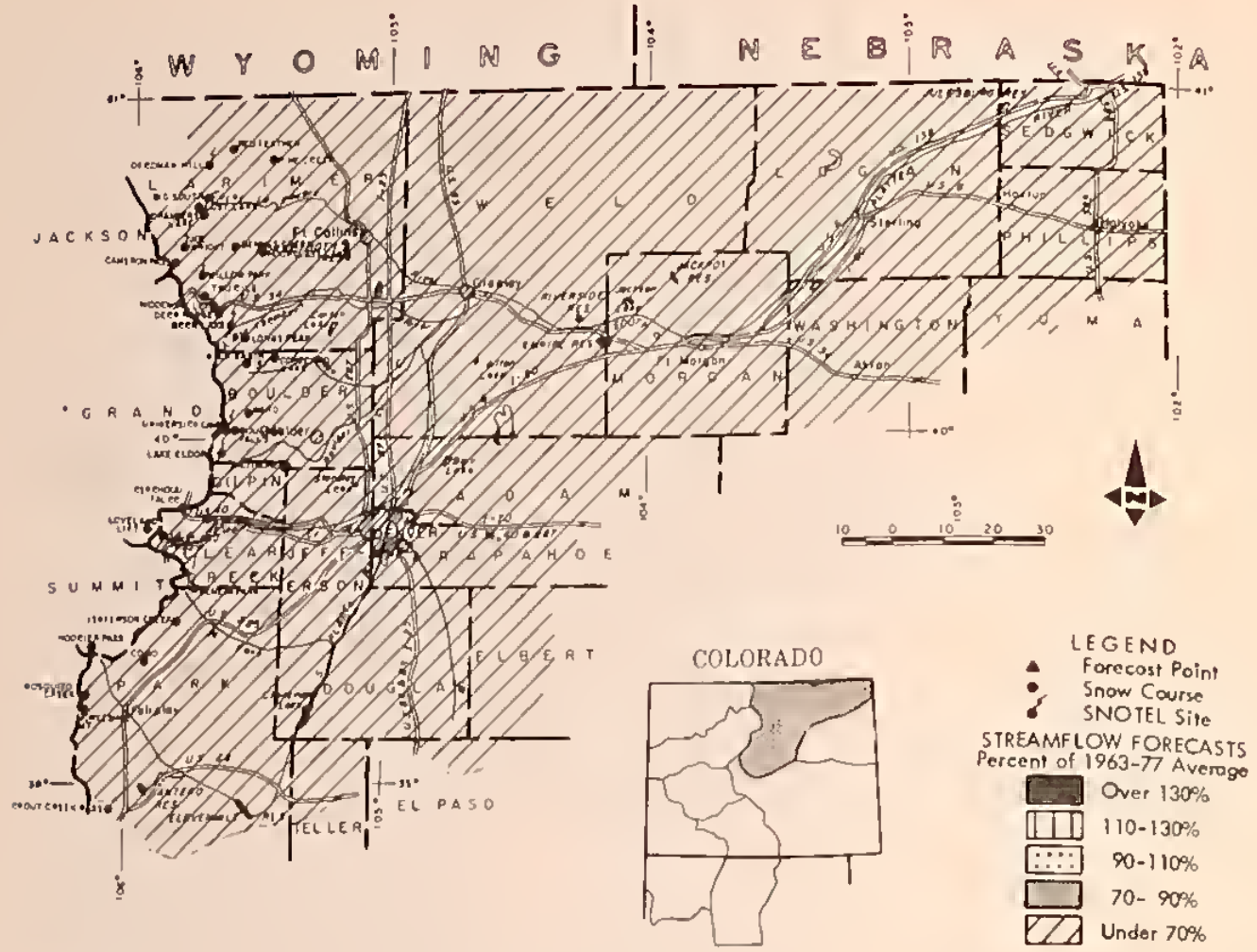


Headwaters of the Snake River near Loveland Pass.



*Berthoud Pass, Grizzly Peak, Independence Pass, Lake Irene, Lynx Pass, Shrine Pass, Willow Creek.

SOUTH PLATTE RIVER WATERSHED IN COLORADO



YOUR WATER SUPPLY

THE MOUNTAIN SNOWPACK IN THE BASIN AVERAGED ONLY 34 PERCENT OF NORMAL ACCORDING TO SURVEYS THE END OF FEBRUARY. THE HEAVY SNOW DURING THE FIRST 4 DAYS OF MARCH IMPROVED THAT FIGURE TO 42 PERCENT OF AVERAGE. EVEN WITH THE NEW SNOWFALL THE MOUNTAIN SNOWPACK REMAINS NEAR THE MINIMUM OF RECORD. POOR STREAMFLOW IS FORECAST FOR THE SPRING AND SUMMER, AND GENERALLY RANGES BETWEEN 40 TO 50 PERCENT OF AVERAGE. RESERVOIR STORAGE REMAINS THE LONE BRIGHT SPOT WITH CONTENTS 7 PERCENT ABOVE NORMAL. SOIL MOISTURE LEVELS HAVE IMPROVED AND ARE NOW IN FAIR TO GOOD RANGE.

STREAMFLOW FORECASTS (1000 Ac. Ft.) April - September

FORECAST POINT	Forecast	% of Average	1963-77 Average
Bear Creek at Morrison	14	50	28.0
Big Thompson River at Drake (1)	53	52	102.0
Boulder Creek at Ordell	22	49	45.1
Cache La Poudre River at Canyon Mouth (2)	125	51	243.0
Clear Creek at Golden (3)	60	50	120.0
St. Vrain Creek at Lyons	34	47	71.6
South Platte River at South Platte	77	40	193.0

(1) Observed flow plus hydropower to Grand Platte. (2) Observed flow minus stream-basin diversions plus municipal and irrigation diversions. (3) Observed flow minus diversion by Berthoud State Game City at Golden and South Platte Diversion.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" with Respect to Usual Supply

STREAM or AREA	Spring Season	Summer Season
Coal Creek	Poor	Poor
North Fork of South Platte	Fair	Poor
North Fork of Cache La Poudre	Fair	Poor
Ralston Creek	Fair	Poor
Rock Creek	Fair	Poor
South Platte from Greeley to Fort Morgan	Fair	Poor
South Platte from Fort Morgan to Sterling	Fair	Poor
South Platte below Sterling	Fair	Poor

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

Name of Reservoir	Usable Capacity			
	Thru Jan	Thru Feb	Thru Mar	Thru Apr
Antero	16	16	16	14
Barr Lake	32	29	24	23
Black Hollow	8	3	5	4
Boyd Lake	44	36	41	37
Cache La Poudre	10	8	9	7
Carter Lake	109	86	101	91
Chambers Lake	9	2	6	3
Cheesman	79	75	69	48
Cobb Lake	34	12	20	14
Eleven Mile	98	97	98	86
Empire	38	29	19	29
Fossil Creek	12	5	5	8
Gross	43	21	23	28
Halligan	6	6	6	4
Horsetooth	144	107	114	95
Jackson	35	33	32	32
Julesburg	28	20	18	20
Lake Loveland	14	10	8	9
Lone Tree	9	2	8	6
Mariano	6	5	5	5
Marshall	10	5	7	4
Marston	17	16	17	15
Milton	24	16	16	13
Point of Rocks	70	68	70	62
Prewitt	33	23	27	19
Riverside	58	47	34	52
Standley	42	32	41	23
Terry	8	5	5	5
Union	13	11	13	10
Windsor	19	6	13	11



SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN AND SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	1963-77 Average
Big Thompson	5	22	31
Boulder	3	17	21
Cache La Poudre	9	33	43
Clear Creek	5	27	39
Saint Vrain	3	9	17
South Platte	5	21	30

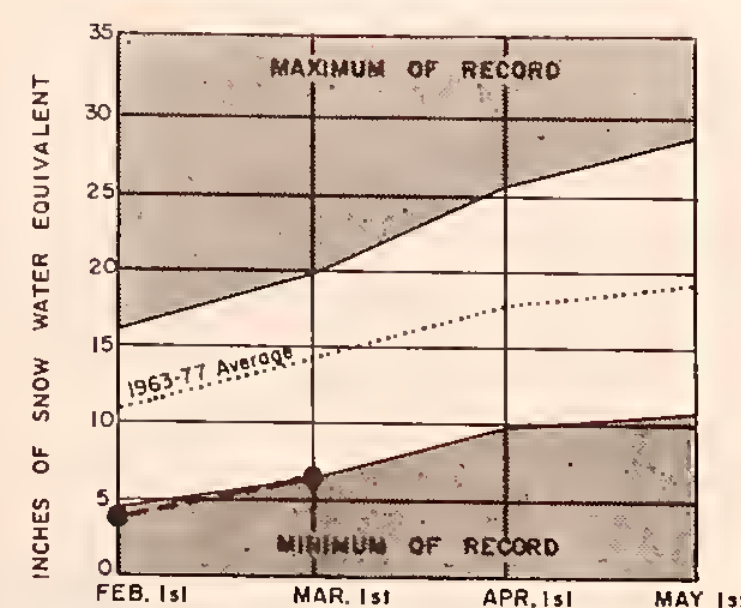
SNOW COURSE MEASUREMENTS

SNOW COURSE	DATE OF SURVEY	SNOW DEPTH (INCHES)	CURRENT INFORMATION		PAST RECORD	
			WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	LAST YEAR	AVG. 1963-77
SOUTH PLATTE BASIN						
<u>Boulder Creek</u>						
Baltimore	2/26	4	1.0	8.8	5.7	
Boulder Falls	2/25	9	2.0	9.3	10.3	
Lake Eldora	2/24	12	2.8	13.2	---	
University Camp	2/25	14	3.2	18.8	13.5	
<u>Big Thompson River</u>						
Bear Lake	2/27	19	3.6	19.2	---	
Deer Ridge	2/27	1	0.2	9.5	3.9	
Hidden Valley	2/26	11	2.4	10.2	7.9	
Lake Irene (B)	2/26	27	6.8	23.0	17.4	
Long's Peak	2/23	8	2.0	11.7	8.2	
Two Mile	2/26	15	3.3	15.1	11.1	
Willow Park	3/01	23	5.1	19.5	---	
<u>Cache La Poudre</u>						
Bennett Creek	2/27	11	2.2	10.3	6.2	
Big South	2/26	0	0.0	4.6	1.5	
Cameron Pass	2/26	30	9.6	22.2	22.6	
Chambers Lake	2/26	2	0.7	11.5	7.7	
Deadman Hill	2/25	31	8.4	15.8	12.9	
Hourglass Lake	2/27	10	2.0	9.4	4.0	
Joe Wright	2/26	44	10.8	22.0	19.6	
Lost Lake	2/26	13	2.9	12.7	9.5	
Red Feather	2/25	8	2.0	10.2	5.3	
<u>Clear Creek</u>						
Baltimore (B)	2/26	4	1.0	8.8	5.7	
Berthoud Falls	2/26	14	3.4	17.1	11.0	
Empire	2/26	8	1.8	9.1	5.9	
Grizzly Peak (B)	2/27	27	6.7	17.8	14.1	
Loveland Pass	2/27	23	6.1	16.8	12.5	
<u>St. Vrain River</u>						
Copeland Lake	2/27	3	0.5	8.6	3.8	
Ward	2/24	2	0.4	8.1	4.4	
Wild Basin	2/27	12	2.4	14.0	8.9	
<u>South Platte River</u>						
Bison Reservoir	2/24	0	0.0	6.2	---	
Como	2/24	4	1.1	7.1	5.9	
Geneva Park	2/24	3	0.5	---	3.3	
Horseshoe Mountain	2/24	13	2.8	12.4	8.3	
Hoosier Pass	2/27	12	3.8	16.3	9.9	
Jefferson Creek	2/24	14	3.0	10.3	7.3	
Mosquito	2/27	5	1.0	12.4	8.3	
Niwot	2/25	9	2.2	---	---	
Trout Creek Pass	2/24	9	1.6	6.2	4.1	

NS-No survey.
(B)-On adjacent drainage.

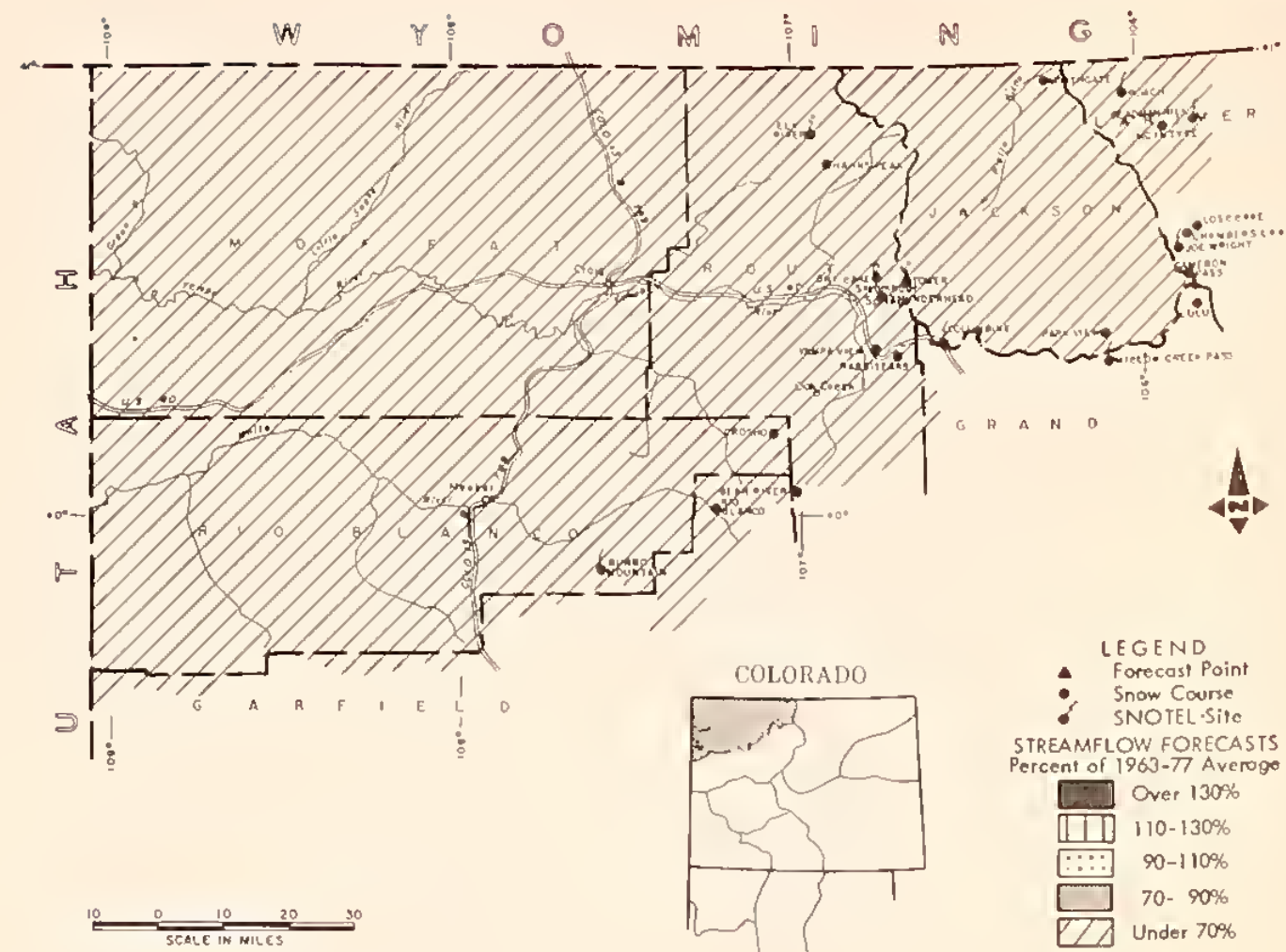
WATERSHED SNOWPACK

Based on 5 Selected Snow Courses*



*Berthoud Pass, Cameron Pass, Deadman Hill, Hoosier Pass, University Camp.

YAMPA, WHITE AND NORTH PLATTE RIVER WATERSHEDS IN COLORADO



YOUR WATER SUPPLY

STREAMFLOW FORECASTS RANGE FROM A LOW OF 40 PERCENT OF NORMAL ON THE ELK RIVER AND LITTLE SNAKE TO 49 PERCENT OF NORMAL ON THE WHITE RIVER. THESE FORECASTS ASSUME NORMAL PRECIPITATION FOR THE REMAINDER OF THE YEAR. PRECIPITATION DURING FEBRUARY WAS ONLY 66 PERCENT OF NORMAL BRINGING THE SEASONAL TOTAL TO 52 PERCENT OF AVERAGE. THE MOUNTAIN SNOWPACK AVERAGES ONLY 45 PERCENT OF NORMAL OVER THE ENTIRE BASIN. MANY SNOW COURSES INCLUDING COLUMBINE LODGE WITH 45 YEARS OF HISTORY MEASURED THE MINIMUM OF RECORD FOR THIS TIME OF YEAR.

STREAMFLOW FORECASTS (1000 Ac. Ft.) April - September

FORECAST POINT	Forecast	% of Average	1963-77 Average
Elk River at Clark	80	40	198.0
Laramie River near Woods	60	118	125.0
Little Snake River at Lily	140	40	349.0
North Platte River at Northgate	102	43	238.0
White River near Meeker	140	49	287.0
Yampa River near Maybell	380	42	905.0
Yampa River at Steamboat Springs	130	48	273.0

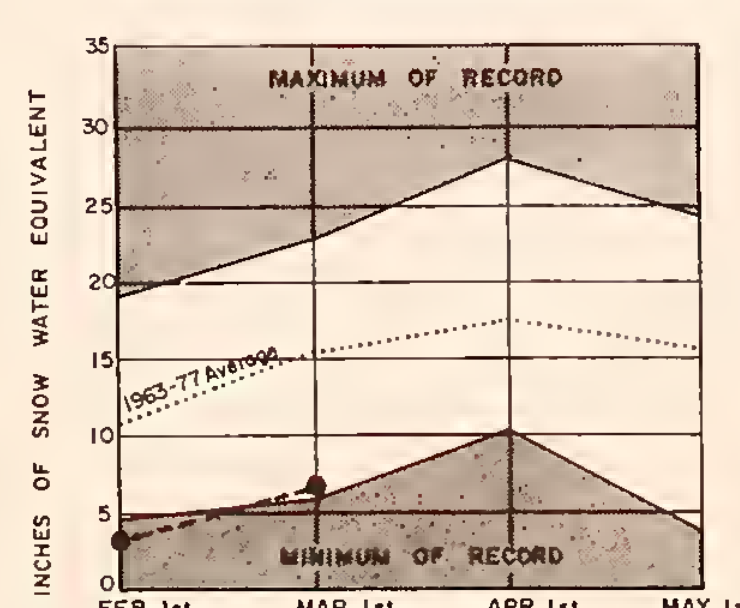
WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" with Respect to Usual Supply

STREAM or AREA	Spring Season	Summer Season
Canadian River	Fair	Poor
Hunt Creek	Fair	Poor
Illinois River	Fair	Poor
Michigan River	Fair	Poor
Oak Creek	Fair	Poor
Trout Creek	Fair	Poor

WATERSHED SNOWPACK

Based on 5 Selected Snow Courses*



*Burro Mountain, Columbine, Dry Lake, Elk River, Lynx Pass.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN AND SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	1963-77 Average
Elk	2	37	50
Laramie	2	43	55
North Platte	5	35	39
White	2	33	38
Yampa	6	40	46

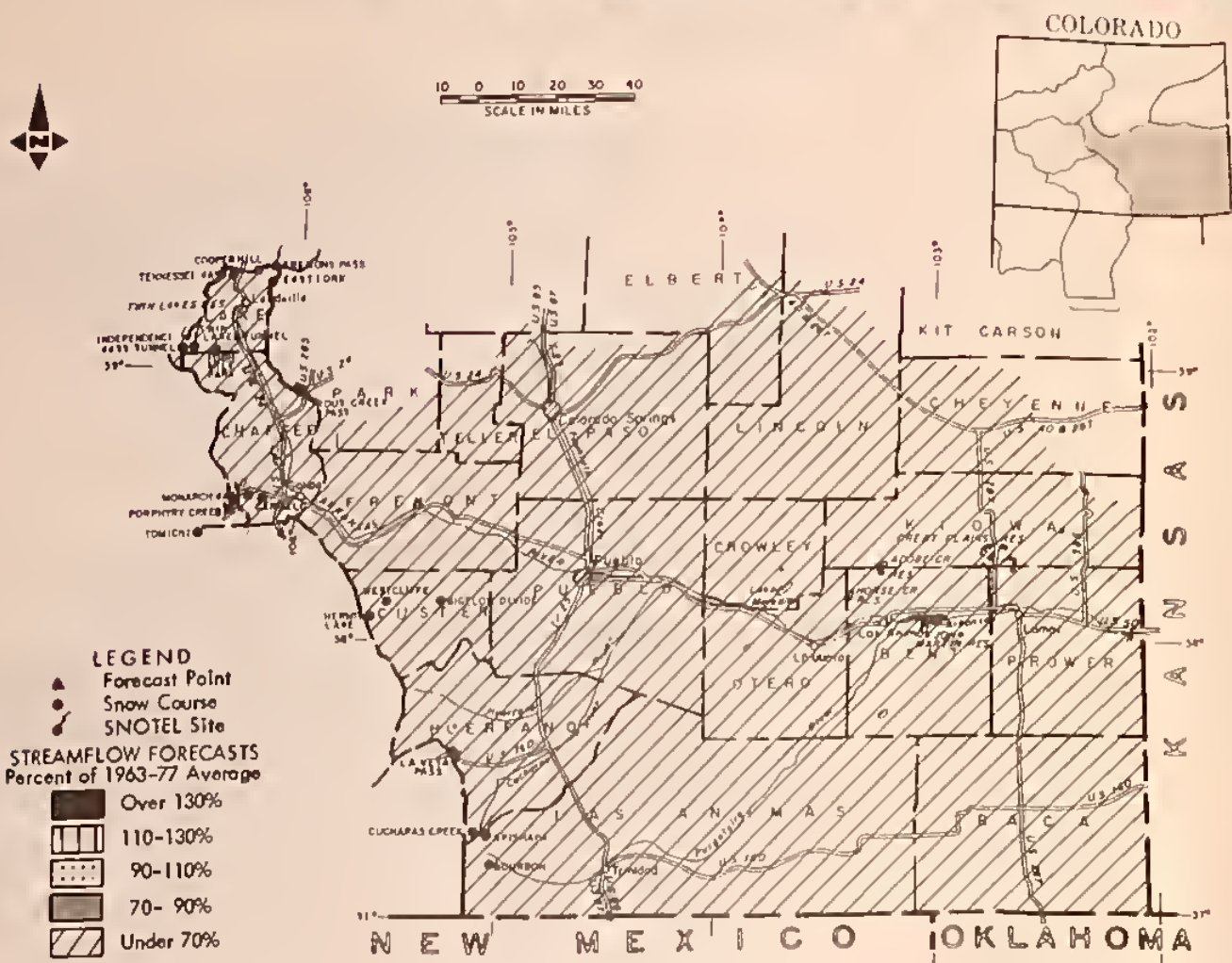
SNOW COURSE MEASUREMENTS

SNOW COURSE	DATE OF SURVEY	SNOW DEPTH (INCHES)	CURRENT INFORMATION		PAST RECORD	
			WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	LAST YEAR	AVG. 1963-77
NORTH PLATTE BASIN						
<u>Laramie River</u>						
Deadman Hill	2/25	31	8.4	15.8	12.9	
McIntyre	N/S					
Roach	2/24	32	7.0	20.1	15.0	
<u>North Platte River</u>						
Cameron Pass	2/26	30	9.6	22.2	22.6	
Columbine Lodge	2/25	27	7.3	21.7	19.9	
Northgate	2/27	5	1.0	7.6	5.4	
Park View	2/7	17	3.2	8.5	7.6	
Willow Cr. Pass (B)	2/26	21	4.3	12.8	10.2	
YAMPA BASIN						
<u>Elk River</u>						
Elk River	2/26	28	8.0	19.2	15.4	
Hahn's Peak	2/26	21	5.9	17.9	12.3	
<u>White River</u>						
Burro Mountain	2/25	24	6.1	15.4	13.9	
Rio Blanco	2/6	19	3.9	15.2	12.5	
<u>Yampa River</u>						
Bear River	2/26	21	4.5	12.3	---	
Columbine (B)	2/25	27	7.3	21.7	19.9	
Crosby	N/S			---	---	
Dry Lake	2/24	28	7.7	20.5	16.7	
Lynx Pass (B)	2/25	19	4.4	10.8	10.3	
Rabbit Ears	2/25	38	10.9	23.7	21.0	
Tower	2/24	66	19.0	45.0	39.0	
Yampa View	2/25	20	5.8	16.7	13.0	

NS-No survey.
(B)-On adjacent drainage.



ARKANSAS RIVER WATERSHED IN COLORADO



YOUR WATER SUPPLY

STREAMFLOW FORECASTS RANGE FROM A LOW OF 31 PERCENT OF AVERAGE ON THE ARKANSAS AT PUEBLO TO 44 PERCENT ON THE CUCHARAS NEAR LA VETA. THE POOR OUTLOOK FOR THE COMING SPRING AND SUMMER RUNOFF IS A RESULT OF MOUNTAIN SNOWPACKS WHICH ARE MINIMUM OF RECORD FOR THIS TIME OF YEAR. THERE IS LESS THAN A 5 PERCENT CHANCE OF RECOVERY TO AVERAGE CONDITIONS AT THIS LATE DATE. PRECIPITATION DURING FEBRUARY IN HEADWATER AREAS WAS ONLY HALF OF NORMAL BRINGING THE SEASONAL TOTAL TO 45 PERCENT OF AVERAGE. STORAGE HELD IN IRRIGATION RESERVOIRS IS 29 PERCENT ABOVE NORMAL.

STREAMFLOW FORECASTS (1000 Ac. Ft.) April - September			
FORECAST POINT	Forecast	% of Average	1963-77 Average
Arkansas River abv. Pueblo (1)	80	31	260.0
Arkansas River at Salida (2)	138	48	284.0
Cucharas River near La Veta	4	44	9.1
Huerfano River near Redwing	5	37	13.4
Purgatoire River at Trinidad (3)	12	36	32.8
Grape Creek nr Westcliffe	6	38	16.0

(1) Flow change in storage in Pueblo Reservoir. (2) Observed flow plus change in storage in Culebra Reservoir. (3) Observed flow plus change in storage in Trinidad Reservoir.

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH				
Basin or Stream and/or Reservoir	Usable Capacity	This Year	Last Year	1963-77 Average
Adobe	60	41	1	13
Clear Creek	11	5	7	7
Great Plains	50	13	0	42
Holbrook Lake	7	2	5	-
Horse Creek	27	20	21	5
John Martin	621	65	32	56
Lake Henry	8	2	5	-
Meredith	42	2	0	10
Pueblo	351	65	57	-
Trinidad	158	42	22	-
Turquoise	121	56	85	30
Twin Lakes	68	42	33	26

WATER SUPPLY OUTLOOK			
STREAM or AREA	Spring Season	Summer Season	Winter Season
Apishapa River	Poor	Poor	Poor
Fountain Creek	Poor	Poor	Poor
Hardscrabble Creek	Poor	Poor	Poor
Monument Creek	Poor	Poor	Poor



Concrete ditch reduces conveyance losses



Manual readings taken to verify accuracy of telemetered data

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	1963-77 Average
Arkansas	11	31	41
Cucharas	2	13	16
Purgatoire	1	24	33

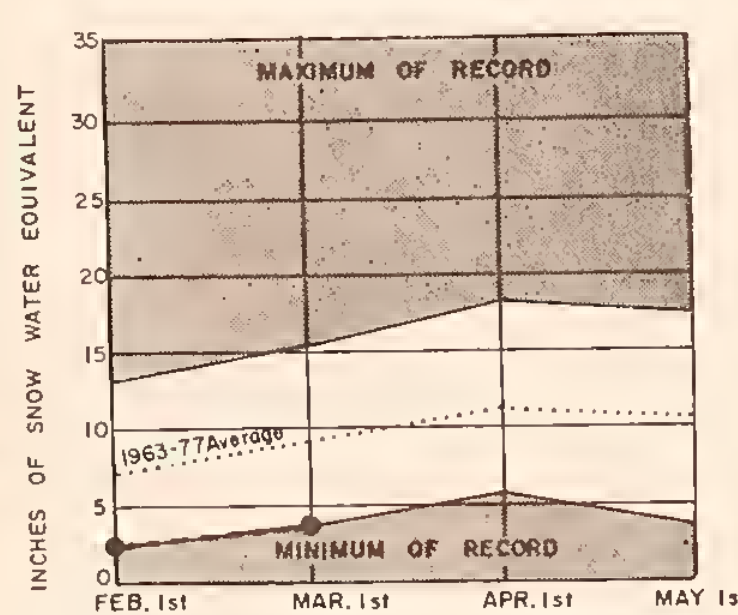
SNOW COURSE MEASUREMENTS

SNOW COURSE	CURRENT INFORMATION			PAST RECORD	
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	LAST YEAR	AVG. 43-77
ARKANSAS BASIN					
<u>Arkansas River</u>					
Bigelow Divide	2/24	11	2.2	5.8	5.6
Brumley	2/25	16	3.0	12.3	---
Cooper Hill (B)	2/27	21	4.2	10.2	8.5
East Fork	2/25	12	2.4	9.8	8.0
Four Mile Park	2/25	8	1.6	7.7	4.9
Fremont Pass	2/25	26	5.6	15.8	12.3
Garfield	2/27	19	4.2	16.3	11.0
Hermit Lake	2/25	5	1.6	9.1	7.6
Monarch Pass	2/27	21	4.7	16.2	13.4
South Colony	2/26	24	8.0	16.5	---
Tennessee Pass	2/25	9	2.0	11.1	8.2
Twin Lakes Tunnel	2/28	21	4.2	12.6	8.0
Westcliffe	2/24	9	2.4	7.2	6.6
<u>Cucharas River</u>					
Apishapa	2/26	2	0.4	8.0	6.4
Cucharas Creek	2/26	9	2.3	8.5	---
La Veta Pass (B)	2/26	8	1.9	9.6	7.6
Huerfano	2/26	0	0.0	7.3	---
<u>Purgatoire River</u>					
Bourbon	2/27	10	1.9	7.9	5.7
Whiskey Creek	2/27	4	0.8	8.9	---

NS-No survey.
(B)-On adjacent drainage.

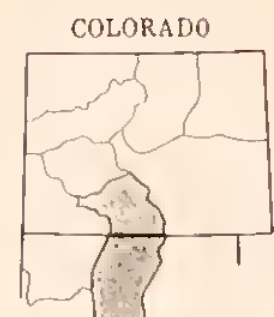
WATERSHED SNOWPACK

Based on 5 Selected Snow Courses *



*Four Mile Park, Fremont Pass, Porphory Creek, Tennessee Pass, Twin Lakes Tunnel.

RIO GRANDE WATERSHED IN COLORADO AND NEW MEXICO



RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH				
Basin or Stream and/or Reservoir	Usable Capacity	This Year	Last Year	1963-77 Average
COLORADO				
Continental	27	8	7	4
Platoro	60	20	31	9
Rio Grande	51	22	41	17
Sanchez	103	8	22	10
Santa Maria	45	11	12	6
Terrace	18	0	7	6
NEW MEXICO				
Avalon	5	4	4	3
Caballo	344	149	110	63
Conchas	273	37	75	134
El Vado	195	108	124	32
Elephant Butte	2195	1206	939	417
McMillan	34	24	16	15
Sumner	11	32	90	64

WATER SUPPLY OUTLOOK		
STREAM or AREA	Spring Season	Summer Season
COLORADO		
Sangre de Cristo Cr	Poor	Poor
Trinchera Creek	Poor	Poor
NEW MEXICO		
Embudo Creek	Poor	Poor
Mora River	Poor	Poor
Nambe Creek	Poor	Poor
Rio Ojo Caliente	Fair	Poor
Santa Fe Creek	Poor	Poor

YOUR WATER SUPPLY

FEBRUARY CONTINUED THE PATTERN OF VERY DRY WEATHER ESTABLISHED EARLY IN THE WINTER. PRECIPITATION DURING THE MONTH WAS ONLY 21 PERCENT OF NORMAL IN THE RIO GRANDE BASIN IN COLORADO AND 34 PERCENT OF NORMAL IN NEW MEXICO. THE MOUNTAIN SNOWPACK IN THE COLORADO PORTION OF THE BASIN IS ONLY 42 PERCENT OF AVERAGE WHILE IN NEW MEXICO THE FIGURE IS 27 PERCENT OF AVERAGE. NEARLY ALL THE SNOW COURSES IN NEW MEXICO ESTABLISHED NEW MINIMUMS. WITH OVER 80 PERCENT OF THE PRIMARY SNOW ACCUMULATION SEASON BEHIND, IT IS VIRTUALLY IMPOSSIBLE TO CATCH UP TO AVERAGE. STREAMFLOW FORECASTS ON THE RIO GRANDE RANGE FROM 18 PERCENT OF AVERAGE AT SAN MARCIAL TO 50 PERCENT AT DEL NORTE. STORAGE IN RESERVOIRS IN COLORADO IS 33 PERCENT ABOVE AVERAGE AND IN NEW MEXICO IT IS 114 PERCENT ABOVE NORMAL, WHICH WILL HELP ALLEVIATE THE EFFECTS OF THE WINTER DROUGHT.

STREAMFLOW FORECASTS (1000 Ac. Ft.)			
FORECAST POINT	Forecast	% of Average	1963-77 Average
COLORADO (April-September)			
Alamosa Creek above Terrace Reservoir	30	47	63.6
Conejos River near Mogote (1)	85	46	183.0
Culebra Creek at San Luis (2)	5	33	15.3
La Jara Creek near Capulin	3	39	7.6
Los Pinos River near Ortiz	22	36	61.3
Rio Grande at Thirty Mile Bridge (3)	65	55	119.0
Rio Grande near Del Norte (3)	230	50	462.0
Saguache Creek near Saguache	15	30	30.1
San Antonio River at Ortiz	4	32	12.2
South Fork of Rio Grande at South Fork	63	53	119.0
Trinchera Water Supply (April-July) (6)	8	36	21.9
NEW MEXICO (March-July)			
Costilla Creek at Costilla (4)	7	45	15.4
Jemez River near Jemez	13	39	33.3
Pecos River at Pecos	15	39	38.1
Red River at Mouth	16	59	27.2
Rio Chama at El Vado	50	28	177.0
Rio Grande at Otowi (5)	180	36	497.0
Rio Grande at San Marcial (5)	60	18	335.0
Rio Hondo near Valdez	5	39	12.8
Rio Pueblo de Taos near Taos	6	32	19.0
Santa Cruz River at Cundiyo	4	34	11.6

(1) Observed flow plus change in storage in Pecos Reservoir. (2) Observed flow plus change in storage in Culebra Reservoir. (3) Observed flow plus change in storage in Continental Reservoir. (4) Observed flow plus change in storage in Costilla Reservoir. (5) Observed flow plus change in storage in El Vado and Saguache Reservoirs. (6) Observed flow plus change in storage in Trinchera Creek near Fort Garland. Rio Grande near Fort Garland, Sangre de Cristo Creek near Fort Garland, and Trinchera Creek Reservoir.

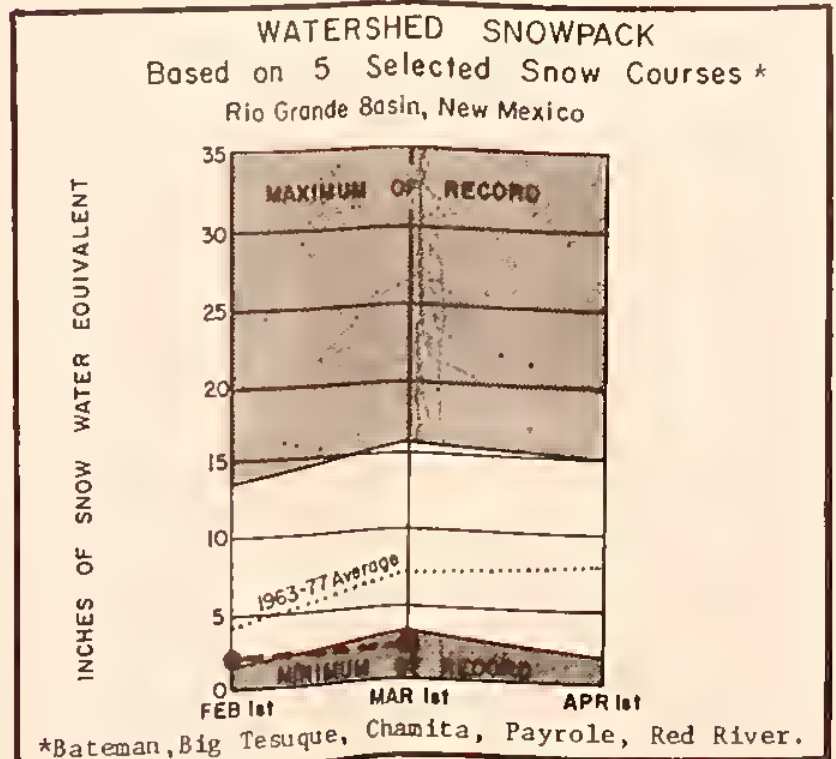
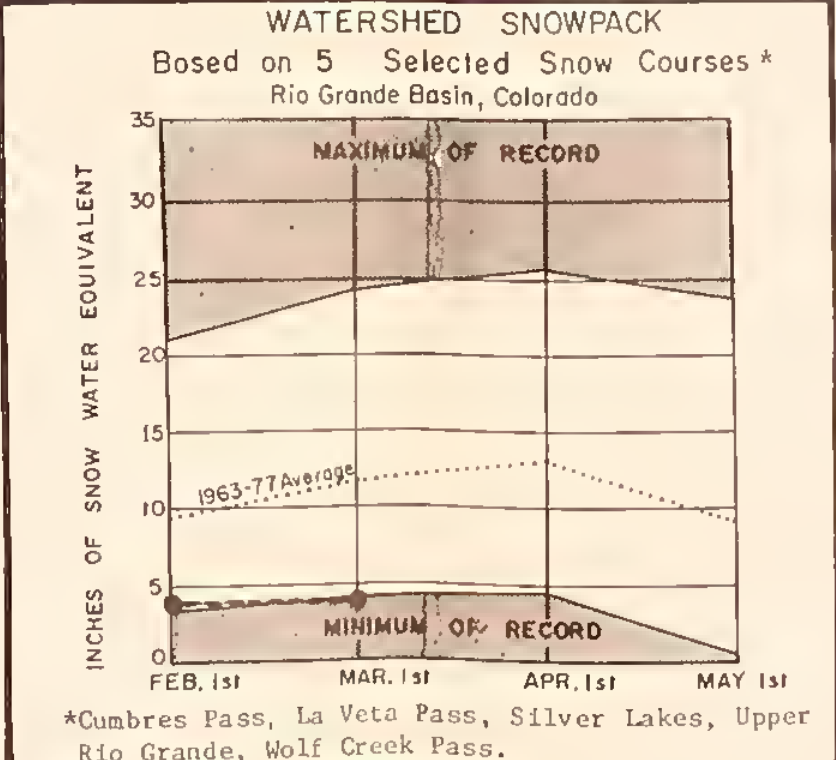
SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	1963-77 Average
COLORADO			
Alamosa	1	0	0
Conejos	6	23	43
Culebra	4	24	31
Rio Grande, CO	13	29	45

SNOW COURSE MEASUREMENTS

SNOW COURSE	DATE OF SURVEY	SNOW DEPTH (INCHES)	CURRENT INFORMATION		PAST RECORD	
			WATER CONTENT (INCHES)	THIS YEAR	LAST YEAR	AVG. 43-77
RIO GRANDE BASIN-COLO.						
<u>Alamosa River</u>						
Lilly Pond	2/26	12	3.8	17.0	---	---
Silver Lakes	2/26	0	0.0	6.2	5.1	---
<u>Conejos River</u>						
Cumbres Pass	2/26	21	6.5	34.6	16.0	---
Cumbres Trestle	2/26	35	10.0	39.6	18.1	---
La Manga	2/26	29	6.6	23.9	14.2	---
Pinos Mill	2/27	30	8.4	31.4	17.3	---
Platoro	2/27	20	5.2	18.7	13.8	---
River Springs	2/26	0	0.0	8.6	5.2	---
<u>Culebra River</u>						
Brown Cabin	2/25	30	1.0	8.3	4.9	---
Culebra	2/26	8	2.0	8.8	7.2	---
La Veta Pass (B)	2/26	8	1.9	9.6	7.6	---
Trinchera (B)	2/25	11	3.2	7.5	6.8	---
<u>Rio Grande</u>						
Blg Meadows	2/27	13	4.3	19.9	7.1	---
Cochetopa Pass	2/24	10	2.2	5.3	4.7	---
Grayback	2/24	21	4.8	13.9	12.2	---
Hiway	2/25	31	10.4	30.9	19.5	---
Lake Humphrey	2/24	10	2.2	8.2	5.8	---
Love Lake	2/23	12	3.0	10.2	6.9	---
Middle Creek	2/23	32	9.0	20.9	---	---
Pass Creek	2/25	15	4.6	17.4	10.5	---
Pool Table	2/25	9	1.6	5.9	4.9	---
Porcupine	2/25	14	2.7	9.9	8.2	---
Santa Maria	2/25	1	0.2	6.3	4.1	---
Upper Rio Grande	2/24	10	2.2	11.6	7.2	---
Wolf Creek Pass	2/25	36	10.6	35.5	21.8	---
Wolf Cr. Summit (B)	2/25	38	12.6	35.2	22.7	---

NS-No survey.
(B)-On adjacent drainage.



SUMMARY of SNOW MEASUREMENTS

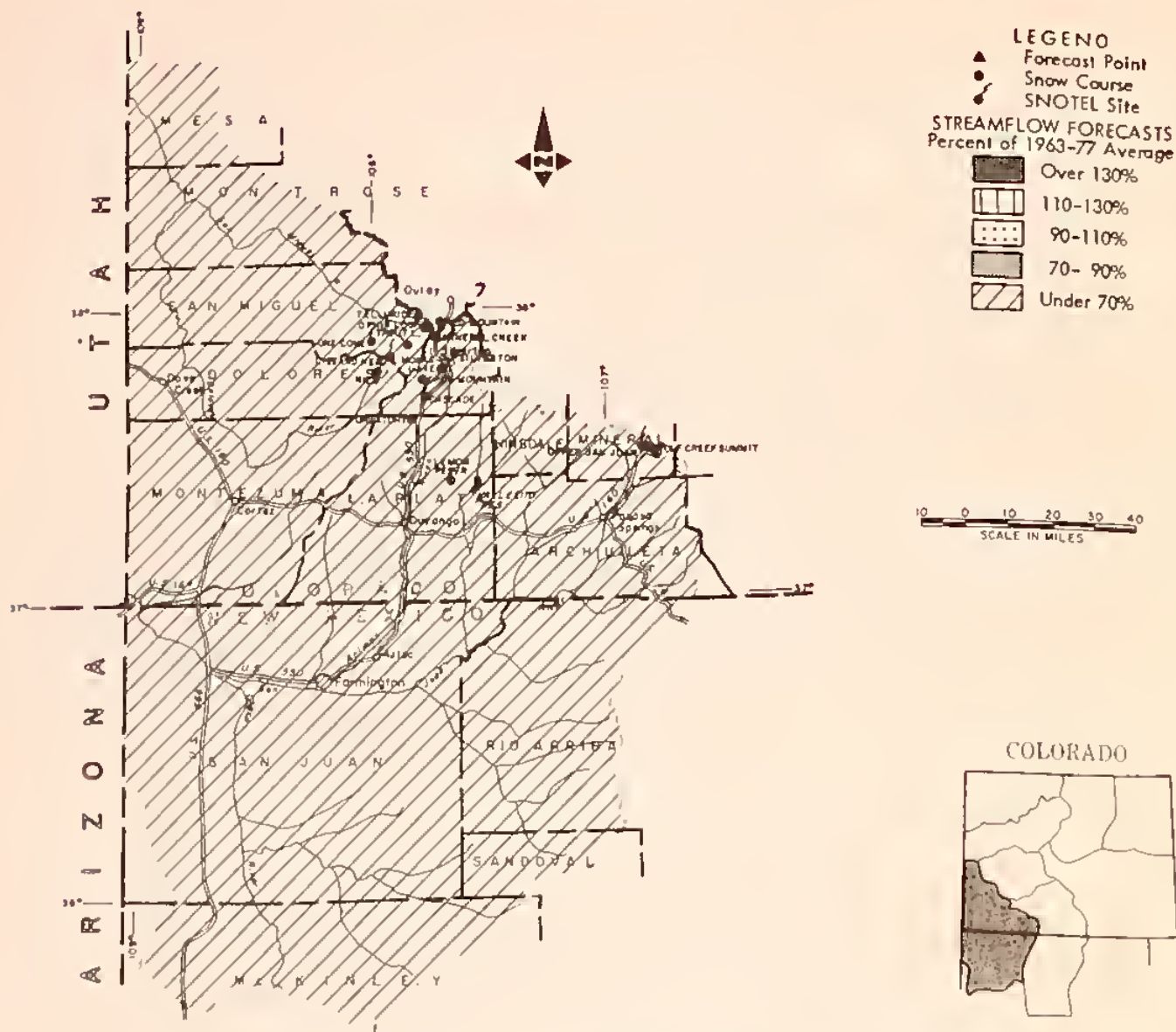
COMPARISON WITH PREVIOUS YEARS		THIS YEAR'S SNOW WATER AS PERCENT OF	
RIVER BASIN AND/OR SUB-WATERSHED	Number of Courses Averaged	1963-77 Average	
		Last Year	Average
NEW MEXICO			
Pecos	1	0	0
Red River	2	15	18
Rio Chama	3	17	37
Rio Grande, NM	15	16	27
Rio Hondo	1	39	---

SNOW COURSE MEASUREMENTS

SNOW COURSE	DATE OF SURVEY	CURRENT INFORMATION		PAST RECORD	
		SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	LAST YEAR	AVG. 63-77
RIO GRANDE BASIN - NM					
<u>Pecos River</u>					
Panchuela	2/27	0	0.0	6.0	3.4
<u>Red River</u>					
Hematite Park (B)	2/25	0	0.0	4.9	3.7
Red River	2/25	6	1.7	6.1	5.5
<u>Rio Chama</u>					
Bateman	2/25	20	4.6	17.0	9.2
Chama Divide	2/25	0	0.0	9.8	3.2
Chamita	2/25	12	2.8	16.6	7.6
<u>Rio Grande</u>					
Alamitos	2/27	2	0.8	8.6	5.3
Bernal Trail (B)	2/25	10	2.2	4.4	---
Big Tesuque	2/25	0	0.0	9.0	5.5
Cordova	2/25	8	1.8	13.7	8.8
Elk Cabin	2/26	0	0.0	5.0	3.2
Gallegos Peak	2/23	5	1.4	10.4	---
Hopewell	2/26	28	7.8	22.5	13.0
La Cueva	2/23	6	1.7	11.4	5.5
North Costilla	2/25	0	0.0	5.0	---
Palo	2/25	7	1.4	9.3	6.7
Payrole	2/26	9	2.4	14.5	7.2
Quemazon	2/26	18	4.4	12.0	7.0
Rio En Medio	2/25	4	0.7	12.3	8.4
San Antonio Sink	2/27	3	1.0	11.6	7.9
Sandoval	2/25	4	1.1	7.5	4.5
Senorita Divide	2/27	14	3.3	14.9	6.7
Taos Canyon	2/25	0	0.0	5.9	4.3
Tres Ritos	2/25	0	0.0	8.0	5.0
<u>Rio Hondo</u>					
Taos Powderhorn	2/25	38	9.7	24.7	---

NS-No survey.
(B)-On adjacent drainage.

SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN WATERSHEDS IN COLORADO AND NEW MEXICO



YOUR WATER SUPPLY
SPRING AND SUMMER RUNOFF FORECASTS HAVE BEEN REDUCED SUBSTANTIALLY FROM LAST MONTH. THEY NOW RANGE FROM A LOW OF 14 PERCENT OF AVERAGE ON THE MANCOS RIVER TO 50 PERCENT OF AVERAGE ON THE SAN MIGUEL RIVER. PRECIPITATION DURING FEBRUARY WAS ONLY 47 PERCENT OF NORMAL BRINGING THE SEASONAL TOTAL TO 46 PERCENT OF AVERAGE. A MAJOR STORM THE FIRST WEEK OF MARCH IMPROVED THE MOUNTAIN SNOWPACK FROM 38 PERCENT OF NORMAL TO 43 PERCENT OF NORMAL OVER THE BASIN AS A WHOLE. HOWEVER, POOR WATER SUPPLIES ARE STILL PREDICTED DUE TO THE LATENESS IN THE CURRENT SNOWPACK SEASON.

STREAMFLOW FORECASTS (1000 Ac. Ft.) April - September

FORECAST POINT	Forecast	% of Average	1963-77 Average
Florida River at Bondad			31.0
Animas River at Durango	200	47	425.0
Dolores River at Dolores	95	41	233.0
La Plata River at Hesperus	8	34	23.5
Los Pinos River at Bayfield (1)	100	49	204.0
Mancos River near Towaoc (2)	3	14	21.9
Inflow to Navajo River (1 & 3)	240	39	608.0
Piedra Creek at Arboles	70	35	201.0
San Juan River at Carracas	180	49	370.0
San Miguel River at Placerville	62	50	124.0

(1) Observed flow plus change in storage in Vallecito Reservoir. (2) March-July. (3) April-July.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Hermosa Creek	Fair	Poor
West Dolores River	Fair	Poor
Williams Creek	Fair	Poor

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

Basin or Stream and/or RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	1963-77 Average
Groundhog	22	0	8	10
Jackson Gulch	10	5	1	5
Lemon	40	23	19	18
Navajo	1696	1254	1106	689
Vallecito	126	59	47	55

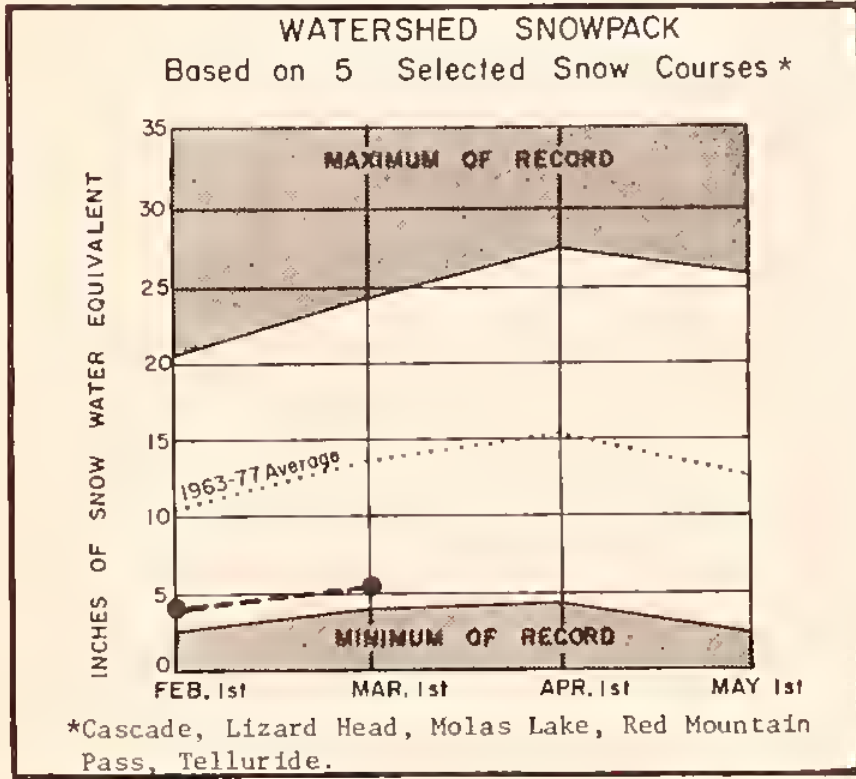
SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	1963-77 Average
Animas	8	22	35
Dolores	6	26	38
San Juan	7	23	42

SNOW COURSE MEASUREMENTS

SNOW COURSE	CURRENT INFORMATION			PAST RECORD	
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	LAST YEAR	AVG. 63-77
SAN JUAN-DOLORES BASIN					
Animas River					
Cascade	2/26	17	3.5	19.9	10.4
Lemon	2/27	6	1.3	18.5	8.3
Mineral Creek	2/26	23	4.1	18.8	12.6
Molas Lake	2/26	9	1.8	16.8	11.2
Purgatory	2/27	36	8.0	26.8	16.5
Red Mt. Pass (B)	2/26	52	12.1	28.7	24.0
Silverton Sub-Sta.	2/26	8	1.0	12.1	7.4
Spud Mountain	2/26	28	6.4	31.5	19.1
Dolores River					
Groundhog	3/01	22	4.8	17.3	15.2
Houser Camp	2/26	5	1.5	15.2	---
Lizard Head	2/26	28	6.2	20.0	13.9
Lone Cone	2/24	30	7.4	20.2	13.9
Ophir Loop	2/23	22	5.0	16.3	---
Rico	2/26	6	0.6	14.5	7.2
Telluride	2/23	15	3.4	8.9	7.3
Trout Lake	2/23	18	3.8	18.0	12.0
San Juan River					
Chama Divide (B)	2/25	0	0.0	9.8	3.2
Chamita (B)	2/25	12	2.8	16.6	7.6
La Plata	2/26	15	3.3	35.5	16.2
Mancos T-Down	2/26	21	4.8	29.7	16.6
Upper San Juan	2/25	41	12.8	43.1	24.6
Wolf Cr. Pass (B)	2/25	36	10.6	35.5	21.8
Wolf Cr. Summit	2/21	38	12.6	35.2	22.7

NS-No survey.
(B)-On adjacent drainage.



WATER SUPPLY OUTLOOK BY MAJOR WATERSHED AREAS

-GUNNISON RIVER WATERSHED

Describes water supply conditions in Delta, Gunnison, Cimarron, Shavano, and Uncompahgre Soil Conservation Districts.

-COLORADO RIVER WATERSHED

Describe water supply conditions in DeBeque, Plateau Valley, Mesa, Bookcliff, Eagle County, Middle Park, South Side, and Mt. Sopris Soil Conservation Districts.

-SOUTH PLATTE RIVER WATERSHED

Describes water supply conditions in Fort Collins, Big Thompson, Longmont, Boulder Valley, Jefferson, Teller-Park, Douglas County, Morgan, Kiowa, West Arapahoe, West Adams, East Adams, Platte Valley, Southeast Weld, and West Greeley Soil Conservation Districts. Also describes water supply conditions in Sedgwick, South Platte, Hoxton, Peetz, Padroni, Morgan, Rock Creek, and Yuma Soil Conservation Districts.

-YAMPA, WHITE AND NORTH PLATTE RIVERS WATERSHED

Describes water supply conditions in Yampa, Moffat, West Routt, East Routt, North Park, White River, and Douglas Creek Soil Conservation Districts.

-ARKANSAS RIVER WATERSHED

Describes water supply conditions in Lake County, Upper Arkansas, Fremont, Custer County Divide, Fountain Valley, Black Squirrel, Central Colorado, Turkey Creek, South Pueblo, Olney Boone, Cheyenne, Upper Huerfano, Spanish Peaks, Purgatoire River, Trinchera, Western Baca, Southeastern Baca, Two Buttes, Bent, Timpas, Northeast Prowers, Prowers, Kiowa County, West Otero, East Otero, Prairie, Hi Plains, and Double El Soil Conservation Districts.

-RIO GRANDE WATERSHED

Describes water supply conditions in Rio Grande, Center, Conejos, Mosca Hooper, and Costillo, Soil Conservation Districts. Also describes water supply conditions in Upper Chama, East Rio Arriba, Toos, Lindrieth, Jemez, Santa Fe-Pojoaque, Sandoval, Tijeras, Cuba and Edgewood Soil Conservation Districts.

-DOLORES, SAN JUAN, AND ANIMAS RIVERS WATERSHED

Describes water supply conditions in San Miguel Basin, Dove Creek, Dolores, Mancos, LaPlata, Pine River, San Juan, San Miguel Basin, and Glade Park Soil Conservation Districts.